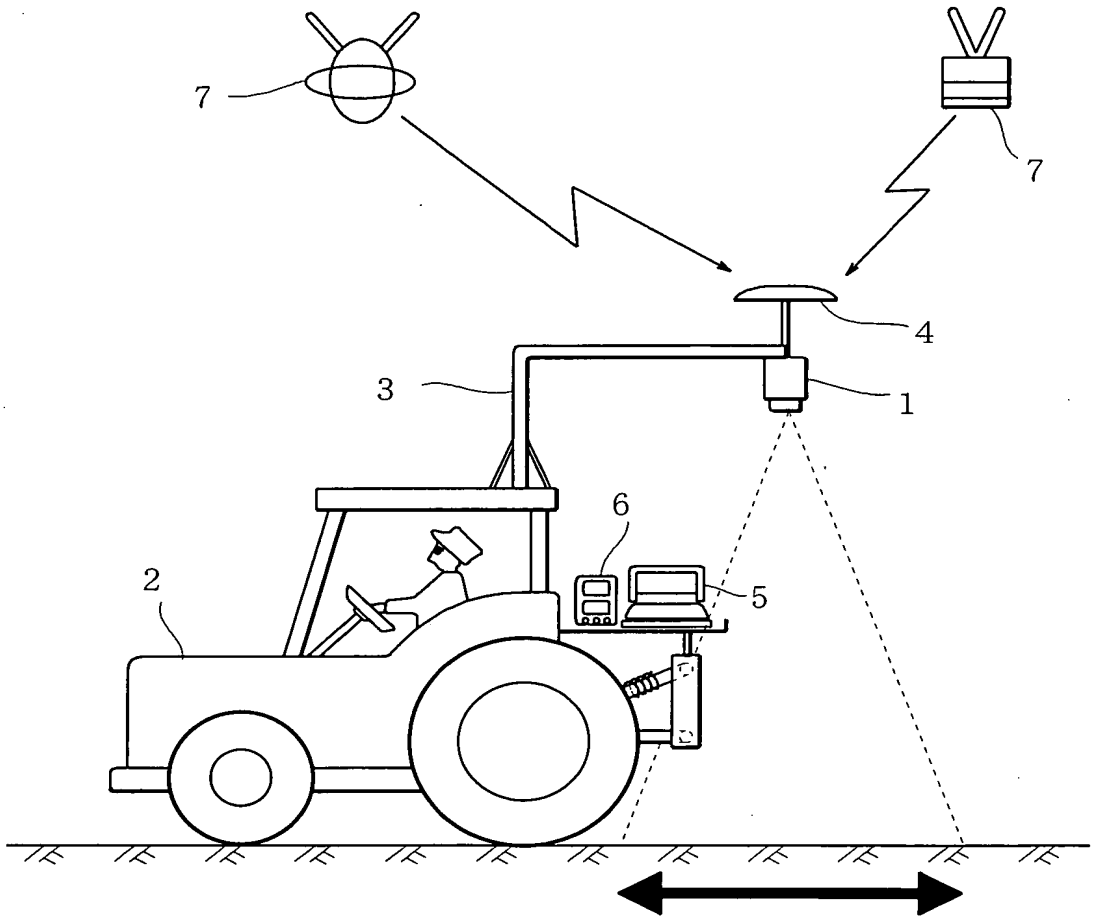
FIG.1



DETECTABLE RANGE OF A VIDEO CAMERA IN VEHICLE'S PROCEEDING DIRECTION

FIG.2

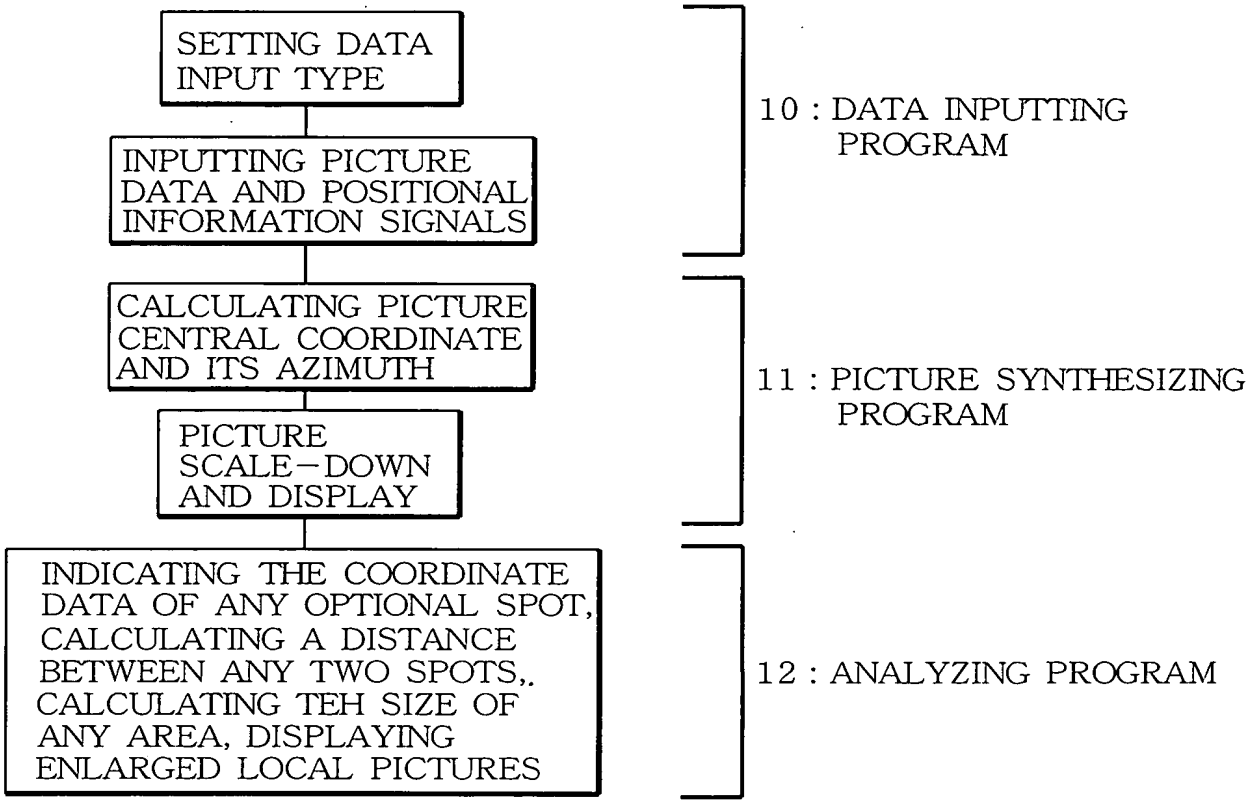

SETTING DATA INPUT TYPE
INPUTTING PICTURE DATA AND POSITIONAL INFORMATION SIGNALS
CALCULATING PICTURE CENTRAL COORDINATE AND ITS AZIMUTH
PICTURE SCALE-DOWN AND DISPLAY
INDICATING THE COORDINATE DATA OF ANY OPTIONAL SPOT, CALCULATING A DISTANCE BETWEEN ANY TWO SPOTS,. CALCULATING TEH SIZE OF ANY AREA, DISPLAYING ENLARGED LOCAL PICTURES
10 : DATA INPUTTING PROGRAM
11 : PICTURE SYNTHESIZING PROGRAM
12 : ANALYZING PROGRAM

FIG.3

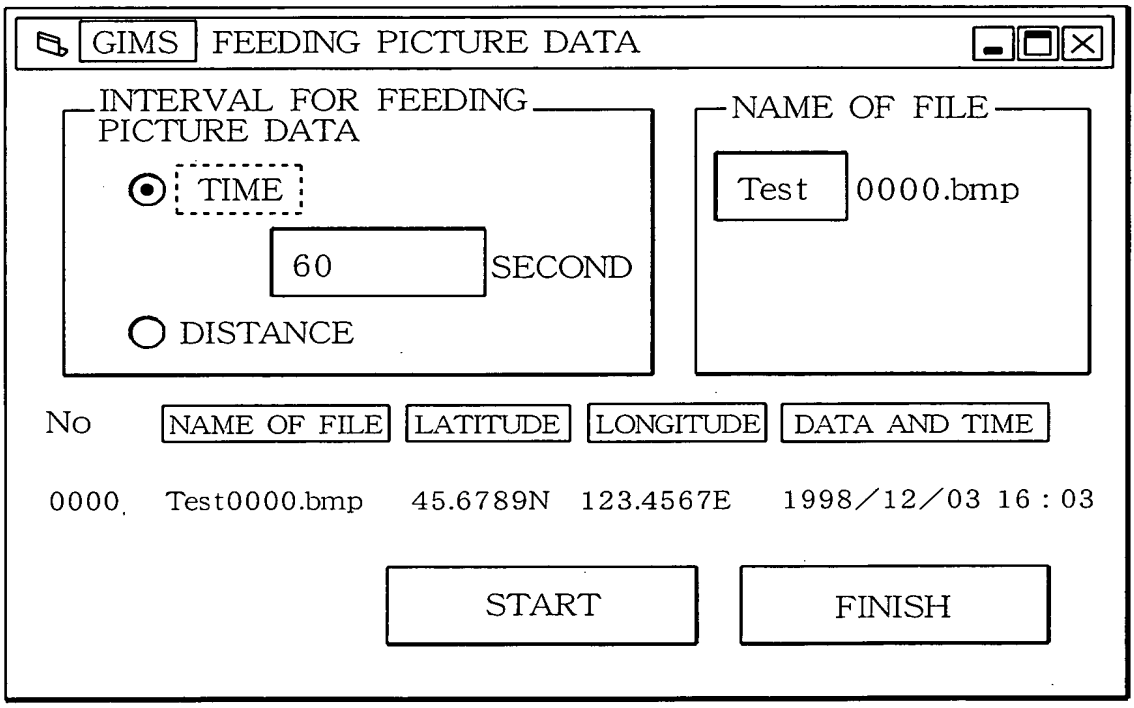

GIMS
FEEDING PICTURE DATA
INTERVAL FOR FEEDING PICTURE DATA
TIME
60
SECOND
DISTANCE
NAME OF FILE
Test
0000.bmp
No
NAME OF FILE
LATITUDE
LONGITUDE
DATA AND TIME
0000
Test0000.bmp
45.6789N
123.4567E
1998/12/03 16 : 03
START
FINISH

FIG.4

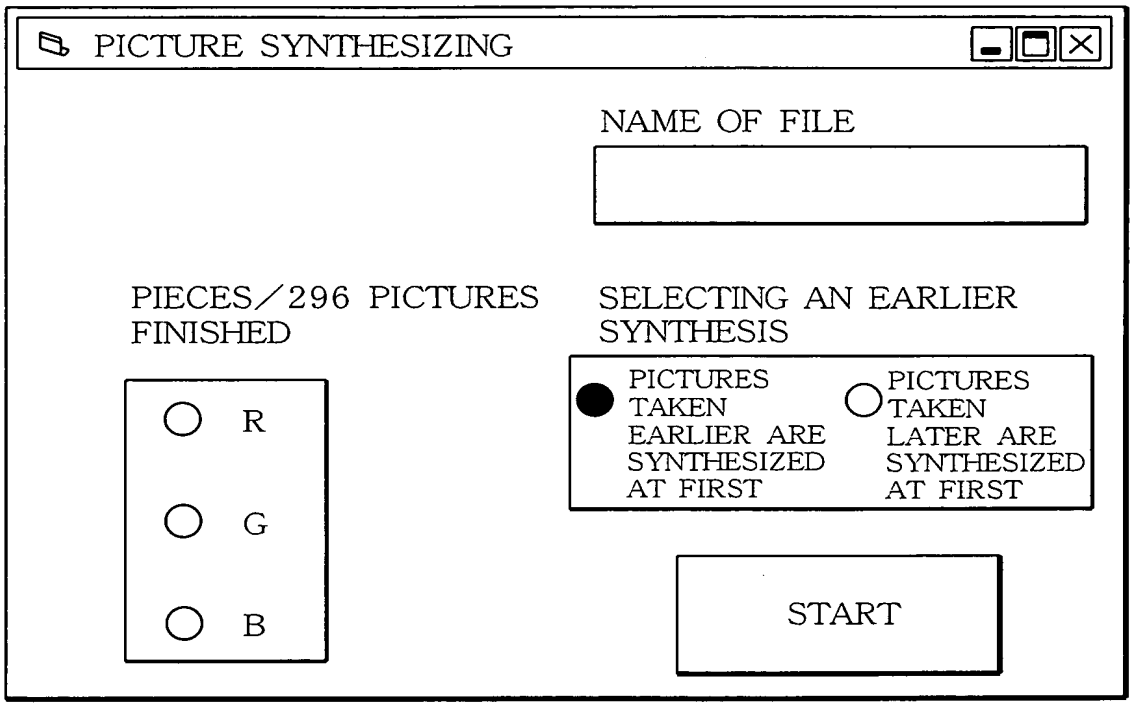

PICTURE SYNTHESIZING
NAME OF FILE
PIECES/296 PICTURES FINISHED
R
G
B
SELECTING AN EARLIER SYNTHESIS
PICTURES TAKEN EARLIER ARE SYNTHESIZED AT FIRST
PICTURES TAKEN LATER ARE SYNTHESIZED AT FIRST
START

FIG.5

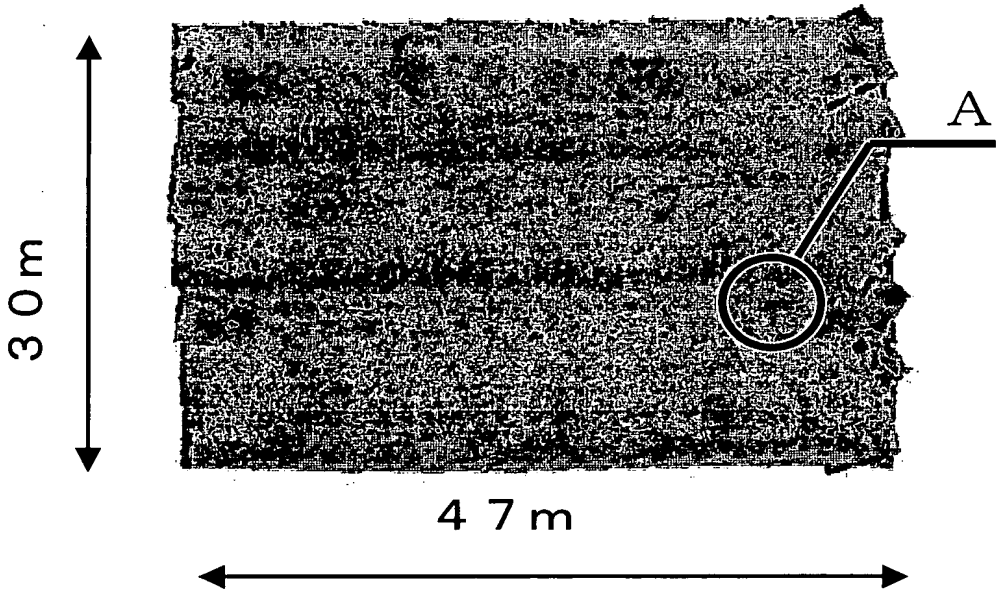


FIG.6

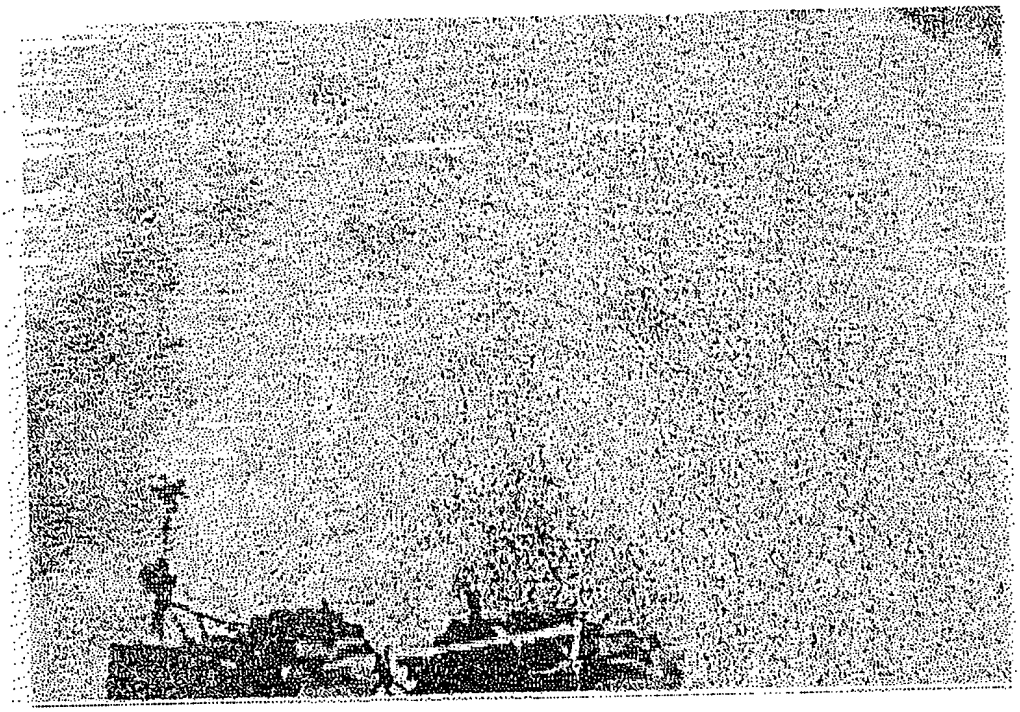


FIG.7

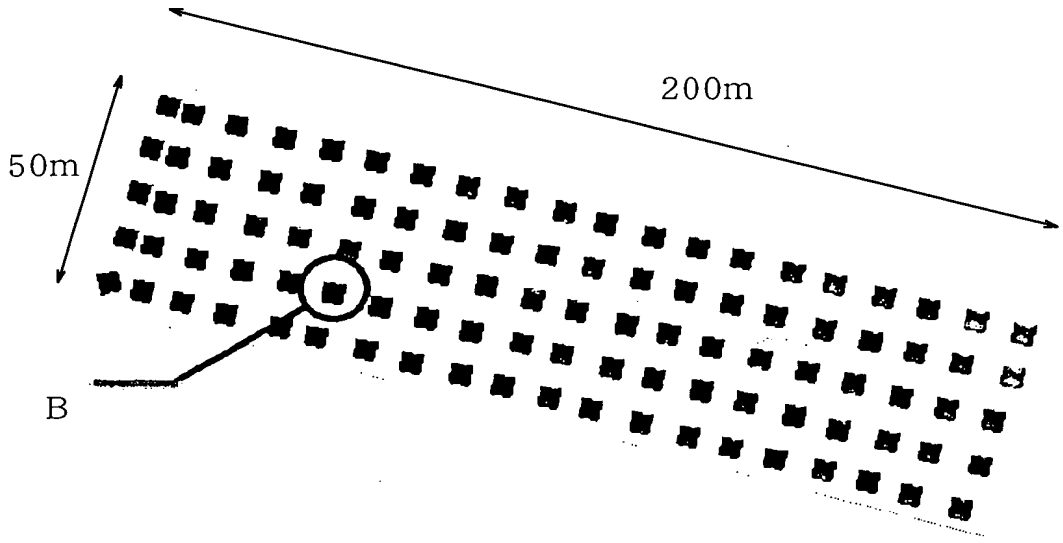
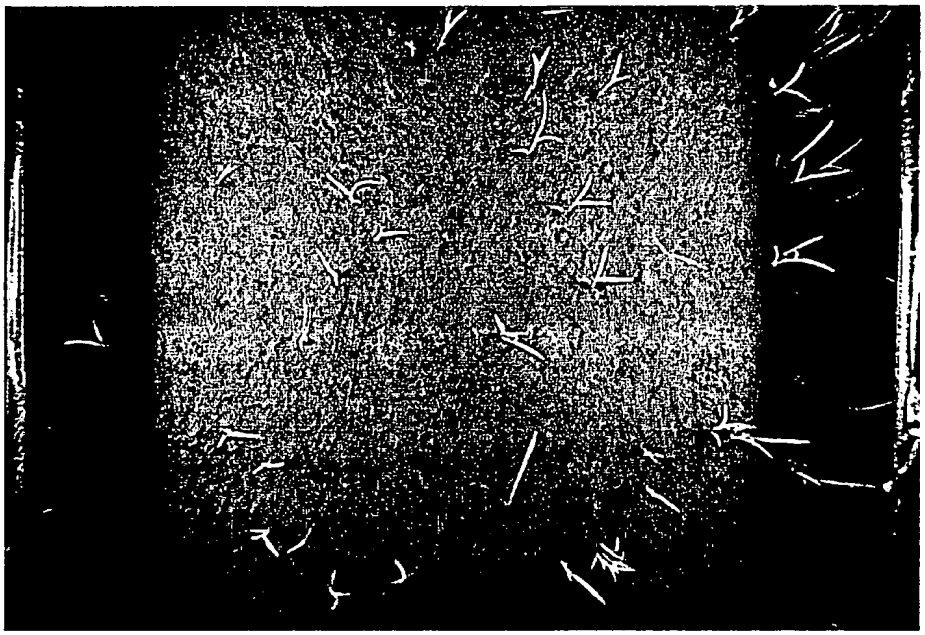



FIG.8